E UNITED STATES PATENT AND TRADEMARK OFFICE GORDAY et al. Group Art Unit: 2631 polication No.: 10/022,943 Filed: 12/18/2001 Examiner: Title: EFFICIENT QUADRATURE CODE POSITION MODULATION Attorney Docket No.: CM03638J Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 INFORMATION DISCLOSURE STATEMENT RECEIVED DEC 1 9 2003 Dear Sir: **Technology** Center 2600 This Information Disclosure Statement is submitted: under 37 CFR §1.97(a), or (Accompanies the new patent application submitted herewith.) under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs under 37 CFR 1.97(c) together with either a: Statement under 37 CFR 1.97(e), or a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first.) under 37 CFR 1.97(d) together with a: Statement under 37 CFR 1.97(e), and a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee.) Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with required copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56. It is requested that the information disclosed herein be made of record in this application. I hereby certify that this correspondence is being deposited Respectfully submitted, with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: December 12, 2003

Typed Name: Renee Michelle Larson

Signature:

Renee Michelle Larson

Attorney/Agent for Applicant(s)

Reg. No. 36,193

Date: December 12, 2003 Telephone No.: 301-668-3073 PTO/SB/08A (10-01)
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INFORMATION DISCLOSURE				Filing Date	12/18/2001	
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				Examiner Name		
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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FOREIGN PATENT DOCUMENTS							
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Complete if Known Substitute for form 1449B/PTO 10/022,943 **Application Number** Filing Date 12/18/2001 INFORMATION DISCLOSURE First Named Inventor Paul Edward Gorday STATEMENT BY APPLICANT **Group Art Unit** 2631 (use as many sheets as necessary) Examiner Name CM03638J Attorney Docket Number of Sheet

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		ZIEMER, RODGER E. AND ROGER L. PETERSON. <u>Digital Communications and Spread Spectrum Systems</u> , 1985, pp. 385-386, Macmillan Publishing Company: New York.				
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.